

**COLLIN COUNTY JUSTICE CENTER**  
**CHANGE REQUEST #7-1**  
**7/12/2011**

**DESCRIPTION CHANGE IN SCOPE:** Add 2(two) 3/4" 160deg. Hot water lines to pre rinse sink and disposer, in kitchen next to dishwasher, that was left off of prints issued for bid. This line has been hooked up temporary, to maintain kitchen operation

DESCRIPTION	QUANTITY	LABOR MAN HOURS	TOTAL LABOR	MATERIAL COST	TOTAL COST
3/4" BALL VALVE CXC	2	0.86	1.72	\$6.60	13.20
3/4" TEE CXC	4	1.22	4.88	\$3.53	14.12
3/4" COUPLING CXC	6	0.86	5.16	\$1.30	7.80
3/4" 90 ELL CXC	16	0.86	13.76	\$1.92	30.72
3/4" TYPE K COPPER PIPE	20	0.1	2	\$6.95	139.00
3/4" TYPE L COPPER PIPE	20	0.1	2	\$4.83	96.60
			29.52		\$ 301.44
INSULATION					\$ 150.00

**DESCRIPTION**

SUPERVISION	20%	6	
SECOND SHIFT PRODUCTIVITY FACTOR	20%	6	
LABOR MAN HOURS		30	
		<u>41</u>	42
HOURLY RATE	\$	56.82	
LABOR COST	\$	<u>2,348.26</u>	2386.44
MATERIAL COST	\$	301.44	
SUB CONTRACT COST	\$	150.00	
TOTAL NET COST	\$	<u>2,799.70</u>	2837.88
PROFIT	10%	\$ 279.97	283.79
TOTAL SELL PRICE	\$	<u>3,079.67</u>	\$ 3121.67

AS 10/14/11

☐ REVIEWED - NO EXCEPTIONS NOTED  
☒ REVIEWED WITH NOTED EXCEPTIONS  
☐ REJECTED - RESUBMIT

Checking is only for conformance with the design concept of the project and compliance with the information given in the contract Documents. Contractor is responsible for dimensions to be confirmed and corrected at the job site; for information that pertains solely to the fabrication processes or to techniques of construction; and for coordination of the work of all trades. Engineer's comments do not Relieve the Contractor of Contractual responsibilities as defined in the drawings or specifications.

BY Chandler Woods

DATE 8/09/11

HALFF ASSOCIATES, INC.  
ENGINEERS & SCIENTISTS

Final Change Order  
Ann Sadler

**COLLIN COUNTY JUSTICE CENTER**  
**CHANGE REQUEST #7-2**  
**7/12/2011**

**DESCRIPTION CHANGE IN SCOPE:**

In area Lower B, tie in a 3/4" 140deg hot water return line  
 this tie in was left off of the prints issued for bid.

DESCRIPTION	QUANTITY	LABOR MAN HOURS	TOTAL LABOR	MATERIAL	TOTAL COST
3"x1" GROOVE LOC TEE	1	2.84	2.84	\$121.80	\$121.80
3/4" BALL VALVE CXC	1	0.86	0.86	\$6.60	\$6.60
3/4" TYPE K COPPER PIPE	3	0.1	0.3	\$6.95	\$20.85
3/4" 90 ELL CXC	2	0.86	1.72	\$1.92	\$3.84
3" GROOVE LOC COUPLING	2	0.9	1.8	\$13.65	\$27.30
			<u>7.52</u>		<u>\$180.39</u>
INSULATION					\$ 125.00

**DESCRIPTION**

SUPERVISION	20%	2	
SECOND SHIFT PRODUCTIVITY FACTOR	20%	2	
LABOR MAN HOURS		<u>8</u>	
		<u>11</u>	12
HOURLY RATE		\$ 56.82	
LABOR COST		<u>\$ 598.20</u>	681.84
MATERIAL COST		\$ 180.39	
SUB CONTRACT COST		\$ 125.00	
TOTAL NET COST		<u>\$ 903.59</u>	987.23
PROFIT	10%	<u>\$90.36</u>	98.73
TOTAL SELL PRICE		<u>\$993.95</u>	
			\$1,085.96

AS 10/14-2011

☒ REVIEWED - NO EXCEPTIONS NOTED  
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☐ REJECTED - RESUBMIT

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BY Chandler Woods  
 DATE 8/09/11

HALFF ASSOCIATES, INC.  
 ENGINEERS & SCIENTISTS

**COLLIN COUNTY JUSTICE CENT**

**CHANGE REQUEST #7-3**

**7/12/2011**

**DESCRIPTION CHANGE IN SCOPE:** In central plant install 4"x1" groove loc tee and tie in 1" RPZ feeding cold water make up to chillers, this was left off of the original prints issued for bid

DESCRIPTION	QUANTITY	LABOR MAN HOURS	TOTAL LABOR	MATERIAL COST	TOTAL COST
4"x2" GROOVE LOC TEE	1	3.84	3.84	\$146.70	\$146.70
4" GROOVE LOC COUPLING	2	0.24	0.48	\$20.85	\$41.70
2" GROOVE LOC COUPLING	1	0.16	0.16	\$10.80	\$10.80
2X1" PRO PRESS COUPLING	1	1.22	1.22	\$32.44	\$32.44
1" BALL VALVE CXC	1	1.06	1.06	\$8.75	\$8.75
1" TYPE L COPPER	2	0.12	0.24	\$7.56	\$15.12
1" PRO PRESS COUPLING	1	0.9	0.9	\$13.65	\$13.65
			7.9		\$269.16

INSULATION

\$ 150.00

**DESCRIPTION**

SUPERVISION

20% 2

LABOR MAN HOURS

8  
9 10

HOURLY RATE

\$ 56.82

LABOR COST

\$ 538.65 568.20

MATERIAL COST

\$269.16

SUB CONTRACT COST

\$ 150.00

TOTAL NET COST

\$ 957.81 987.36

PROFIT

10% \$95.78 98.74

TOTAL SELL PRICE

\$1,053.59  
#1086.10

☒ REVIEWED - NO EXCEPTIONS NOTED  
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☐ REJECTED - RESUBMIT

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BY Chandler Woods

DATE 8/6/11

HALFF ASSOCIATES, INC.  
ENGINEERS & SCIENTISTS

COLLIN COUNTY JUSTICE CENTER

CHANGE REQUEST #7-4

7/12/2011

DESCRIPTION IN CHANGE OF SCOPE: Repair sheetrock ceiling in visitors hallway in front of mechan  
the plans issued for bid showed ceiling grid  
add access door(provided by owner) to ceiling in infirmary res

SHEETROCK SUB	\$ 1,350.00
PROFIT	10% \$135.00
	<u>\$1,485.00</u>

10/14/2011  
AS

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BY Chandler Woods  
DATE 8/09/11

HALFF ASSOCIATES, INC.  
ENGINEERS & SCIENTISTS

**COLLIN COUNTY JUSTICE CENT**

**CHANGE REQUEST #7-5**

**7/12/2011**

**DESCRIPTION CHANGE IN SCOPE:** In central plant install 4"x2-1/2" groove loc tee and tie in 4" RPZ  
this was left off of the  
original prints issued for bid

DESCRIPTION	QUANTITY	LABOR MAN HOURS	TOTAL LABOR	MATERIAL COST	TOTAL COST
4"x2-1/2" GROOVE LOC TEE	1	3.84	3.84	\$165.00	\$165.00
4" GROOVED FLANGE	2	4.12	8.24	\$169.00	\$338.00
4" GROOVE LOC COUPLING	2	0.24	0.48	\$20.85	\$41.70
2-1/2" GROOVE LOC COUPLING	1	0.25	0.25	\$32.95	\$32.95
2-1/2" PRO PRESS COUPLING	1	1.22	1.22	\$32.44	\$32.44
4" TYPE L COPPER	2	0.3	0.6	\$35.66	\$71.32
2-1/2 GROOVE LOC COUPLING	1	0.18	0.18	\$24.60	\$24.60
2-1/2" TYPE L COPPER PIPE	2	2	4	\$17.45	\$34.90
			18.81		\$740.91

INSULATION

\$ 200.00

**DESCRIPTION**

SUPERVISION 20% 4

LABOR MAN HOURS

19

23

HOURLY RATE

\$ 56.82

LABOR COST

\$ 1,282.54

MATERIAL COST

\$740.91

SUB CONTRACT COST

\$ 200.00

TOTAL NET COST

\$ 2,223.45

PROFIT

10% \$222.35

TOTAL SELL PRICE

\$2,445.80

\$2472.55

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AS 10/14/2011

**COLLIN COUNTY JUSTICE CENTER**  
**CHANGE REQUEST 7-1,7-5**  
**7/12/2011**

	ADDITIONAL MAN HOURS	ADDITIONAL COST	
CHANGE ORDER 7-1	42	14 \$ 1,359.61	\$ 3121.67
CHANGE ORDER 7-2		11 \$993.95	1085.96
CHANGE ORDER 7-3	10	9 \$1,053.59	1086.10
CHANGE ORDER 7-4		0 \$1,485.00	✓
CHANGE ORDER 7-5		23 \$2,445.80	2472.55
TOTAL		<del>\$7,337.95</del>	
			\$ 9251.28

*[Signature]*  
 10/14-2011

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